SSA-S2100/S2101

Stand Alone Single Door Controller
Proximity / Smart Card & PIN,
Time & Attendance Access Controller

Key Features

- 125KHz proximity / 13.56MHz contact-less smart card reader and PIN
- Dual function for access control and time & attendance
- 10,000 / 20,000 ID users and 20,000 / 10,000 event buffers (Selectable)
- 4 level door open time setting by individual ID
- Time schedules setting by individual ID, Input port, Output port and reader mode
- Network communication via RS-232, RS-485 and built-in TCP/IP
- 4 input, 4 output (2 relay output)
- 26bit / 34bit wiegand input / output
- User name display on LCD
- 2 man operation mode / Duress alarm function
- Graphic LCD with multi language display

Technical Specifications

	SSA-S2100	SSA-S2101
USER / EVENT BUFFERS		
Total ID Users	Up to 20,000 users	
Event Buffers	Up to 20,000 event buffers	
AUTHENTICATION		
Method	RFID, PIN	
INPUT / OUTPUT		
Reader Port	1ea (26/34bit wiegand, 4/8bit burst for PIN for anti pass-back)	
Input Port	4ea (Exit button, Door sensor, Aux#1, Aux#2)	
Output Port	2ea (2 form-C relay output / 12V ~ 18V DC, Rating max. 2A) 1ea (TTL output / 5V DC, Rating max. 20mA) 1ea (26/34bit wiegand out data 0,1), 26bit wiegand : SSA-S2100 34bit wiegand : SSA-S2101	
LED Indicator	3 LED indicator (Red, Green, Yellow)	
Beeper	Piezo buzzer	
OPERATIONAL		
Frequency / Format	125KHz / Samsung	13.56MHz / MIFARE
On Screen Display	English, French, German, Spanish, Italian, Russian, Turkish, Chinese, Korean	
Voice Out	English, French, German, Spanish, Italian, Russian, Turkish, Chinese, Korean	
LCD	Graphic LCD (128 x 64dots), 72.5 x 39.5mm (2.85" x 1.56") view area	
Keypad	24key numeric keypad with back lighting (12 function key included)	
Communication	TCP/IP, RS-232, RS-422, RS-485 (Max. 32CH)	
ENVIRONMENTAL		
Operating Temperature	0°C ~ +50°C (+32°F ~ +122°F)	
Operating Humidity	Less than 90% RH	
ELECTRICAL		
Input Voltage / Current	12V DC / Max. 420mA	
Power Consumption	Max. 5.0W	
MECHANICAL		
Color / Material	Silver and black / Polycarbonate	
Dimensions (WxHxD)	191.5 x 159.5 x 44.0mm (7.54" x 6.28" x 1.73")	
Weight	710g (1.57 lb)	
TIME SCHEDULES		
Time Code	10	
Time Interval	5	
Holiday Code	10	
Holiday	100	

Dimensions

Unit : mm (inch)